# INTERNATIONAL SEARCH REPORT

Internation iplication No

A. CLASSI IPC 7	FICATION OF SUBJECT MATTER C03C17/00 C03C17/30 B32B17/0	6 C09K21/00	C01B33/32		
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	o International Patent Classification (IPC) or to both national classifications  SEARCHED	tion and IPC			
	SEARCHED  cumentation searched (classification system followed by classification	on symbols)			
IPC 7	CO3C B32B CO9K CO1B				
Documental	ion searched other than minimum documentation to the extent that so	uch documents are included in the	he fields searched		
Electronic d	ala base consulted during the international search (name of data bas	se and, where practical, search t	erms used)		
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2,0 1,,	<i>DC</i> , <i>Tta</i> ,				
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<del> </del>	ENTS CONSIDERED TO BE RELEVANT		7		
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.		
Υ	WO 02 24445 A (PILKINGTON PLC ;HO	DEN	1-22		
,	DAVID WILLIAM (GB); HOLLAND JOHN		\ 1 22		
	(G) 28 March 2002 (2002-03-28)				
	page 1, paragraph 1				
	page 2, paragraph 3 -page 4, para   claims 1-13; example 1	graph 3;			
	Clarins 1-13, example 1		1		
Υ	WO 01 70495 A (PILKINGTON PLC ;HO		1-22		
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	(G) 27 September 2001 (2001-09-27 page 1, paragraph 1	)			
	page 1, par agraph 1 page 2, paragraph 2 -page 5, para	graph 6:			
1	claims 1-23; examples 1-15	J,			
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	her documents are listed in the continuation of box C.	X Patent family members	s are listed in annex.		
° Special ca	tegories of cited documents :	"T" later document published aft	ter the international filling date onflict with the application but		
"A" docume	ent defining the general state of the art which Is not lered to be of particular relevance		aciple or theory underlying the		
	document but published on or after the international	"X" document of particular releva			
filing date  cannot be considered novel or cannot be considered to  'L' document which may throw doubts on priority claim(s) or  involve an inventive step when the document is taken alone					
citatio	n or other special reason (as specified)		volve an inventive step when the		
	ent referring to an oral disclosure, use, exhibition or means	ments, such combination b	n one or more other such docu- eing obvious to a person skilled		
*P* docume	ent published prior to the international filing date but nan the priority date claimed	in the art.  *& document member of the sa	me patent family		
	actual completion of the international search	Date of mailing of the intern			
1 3	February 2004	§ 2	L. UL, U-1		
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Name and	nailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer			
]	NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fav. (431-70) 340-3016	Maurer, R	,		

### INTERNATIONAL SEARCH REPORT

PCT/bp U3/03434

	Citation of document with indication by		
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
Υ	SAIDEN CHEM KK: "WPI WORLD PATENT INFORMATION DERWENT, DERWENT, GB", WPI WORLD PATENT INFORMATION DERWENT, DERWENT, GB, VOL. 1976, NR. 31 XP002151356 abstract	-	1-22
Y	US 4 190 698 A (BAUDIN POL ET AL) 26 February 1980 (1980-02-26) column 1, line 13-68 column 2, line 11-17 column 2, line 67 -column 3, line 8 column 4, line 7-20; claims 1-6		1-22
A .	WO 01 10638 A (PILKINGTON PLC; HOLDEN DAVID WILLIAM (GB); HOLLAND JOHN RICHARD (G) 15 February 2001 (2001-02-15) page 2, paragraph 3 -page 3, paragraph 5; claims 1-18		1-22
Y	GB 2 226 024 A (TIOXIDE GROUP PLC) 20 June 1990 (1990-06-20) page 2, line 1 -page 4, line 4; claims 1-31; examples 1-11		23-27
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nterr al application No. PCT/GB 03/03434

### INTERNATIONAL SEARCH REPORT

Box I O	bservations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Interna	ational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
	laims Nos.: ecause they relate to subject matter not required to be searched by this Authority, namely:
be	laims Nos.: ecause they relate to parts of the International Application that do not comply with the prescribed requirements to such n extent that no meaningful International Search can be carried out, specifically:
3. Ci	laims Nos.:  / ecause they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II O	bservations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Interna	ational Searching Authority found multiple inventions in this international application, as follows:
<b>.</b>	ee additional sheet
	s all required additional search fees were timely paid by the applicant, this International Search Report covers all earchable claims.
	s all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment fany additional fee.
3. A	s only some of the required additional search fees were timely paid by the applicant, this International Search Report overs only those claims for which fees were paid, specifically claims Nos.:
4. No re	o required additional search fees were timely paid by the applicant. Consequently, this International Search Report is estricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark or	The additional search fees were accompanied by the applicant's protest.     X   No protest accompanied the payment of additional search fees.

# FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-22

I) 1st invention
The subject-matter of independent claims 1, 17,21,22 and respective dependent claims is concentrated on a clear, stable, aqueous solution based on waterglass and on uses of said solution as glazing. The core of the invention provides a solution wherein aluminate + hydroxy carbonylic acid is mixed with waterglass in order to improve the fire-resistance and the mechanical impact resistance properties of the glazing composition.

2. Claims: 23-27

II. 2nd invention
The subject-matter of independent claim 23 and the respective dependent claims is concentrated on a clear, stable solution comprising water soluble aluminate, hydroxy carbonylic acid and a polyhydroxy compound.
The core of the invention provides a stable aluminate solution.

#### INTERNATIONAL SEARCH REPORT

ation on patent family members

Internatic optication No PCT/GB U3/03434

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